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G11B 7/085(21)Application number : **2000-118081**(71)Applicant : **LG ELECTRONICS INC**(22)Date of filing : **19.04.2000**(72)Inventor : **SAN ON PAKU**

(30)Priority

Priority number : **99 9913797** Priority date : **19.04.1999** Priority country : **KR****(54) METHOD FOR DISCRIMINATING SORT OF OPTICAL RECORDING MEDIUM****(57)Abstract:**

PROBLEM TO BE SOLVED: To make it possible to stabilize servo operation by detecting a focus search level, certifying whether an installed disk belongs to the prescribed sort or not, detecting an R/F level and/or a focus error signal level and, finally, certifying the disk sort.

SOLUTION: It is decided whether the inserted disk is a CD type or a DVD type by comparing the voltage level of the focus search waveform which is detected from the position of FZC(focus zero cross) with the predetermined critical value. Subsequently, after plural critical values which can divide CD-ROM, CD-RW and CD-R are set, VPP of FE or VPP of RF is compared with the respective critical values, through which the sort of CD is discriminated. Further, after plural critical values which can divide DVD-ROM, DVD-RW and DVD-RAM are set, VPP of FE or VPP of RF is compared with the respective critical values, through which the sort of DVD is discriminated.